

# PEAK ESCAPEMENT RECORD

NAME: Moira Sound, South Arm, Head

STREAM CATALOG NUMBER: 102-30-37

| DATE           | PINK                         | CHUM  | OTHER SPECIES | REMARKS  |
|----------------|------------------------------|-------|---------------|--|
| Oct. 1, 1946   |                              |       |               | Fair. Right-hand stream (G)  |
| Oct. 8, 1947   | 1,000                        | 400   |               | Good. Right-hand stream (G)  |
| Oct. 8, 1947   | 2,000                        | 1,000 |               | Good. Left-hand stream (G) } different fork                        |
| Sept. 20, 1953 |                              |       |               | Few chum, pink. Small stream (G)                                   |
| Sept. 8, 1954  |                              |       |               | Pink present. Several thousand at mouth (A)                        |
| Sept. 2, 1956  |                              |       |               | 15,000 pink at mouth (G)   |
| Sept. 17, 1957 |                              |       |               | 4,000-5,000 chum in bay outside (G)                                |
| Sept. 13, 1961 |                              |       |               | 200 off mouth-- none in stream (A)                                 |
| Sept. 6, 1962  | N.O.                         |       |               | (A)  |
| Oct. 6, 1963   |                              |       |               | No showing (A)   |
| Sept. 24, 1964 | ----300+                     | ----- |               | Vis poor, more present, a few dead (A)                             |
| Sept. 1, 1965  | N.O.                         |       |               | Vis. fair (A)  |
| Aug. 23, 1966  |                              |       |               | 20-25,000 fish observed in balls throughout arm. Vis excellent (A) |
| Aug. 14, 1967  |                              |       |               | Few jumps at mouth. Very little showing in arm. (F)                |
| Aug. 28, 1969  |                              |       |               | No fish in stream (F)  |
| Aug. 20, 1970  |                              |       |               | 1,500 fish intertidally, Vis. poor, cloudy. (A)                    |
| Sept. 18, 1971 | 15,000                       | 300   |               | Many jumps at mouth. Vis. good (F)                                 |
| Aug. 23, 1974  | ----1,500----<br>in stringer |       |               | Vis. poor (A)  |

Name \_\_\_\_\_ Catalog No. 102-30-37  
 Latitude N 54° 55' 48" 54' 59" WR No. 124C  
 Longitude W 132° 12' 40" 40" K No. 131  
 Geodetic Map No. Dixon Ent. D-1 Work Area Ketchikan  
 Location Head So. Arm Moira Sound Watershed Length 2.5 miles  
 Drainage Area of Watershed 1.38 sq. miles  
 Water Supply Type Muskeg

Trails & Survey Routes First 3/4 mile along I.T. grassflats, upper portion easy walking along stream, broken game trail.

Aerial Survey Notes I.T. good visibility, some darkness to water.

Anchorage Fair off flats for small craft.

Tide Stage When Surveyed Ebb.

#### FISHERY RESOURCES

Commercial Fisheries Pink, chum.

Escapement 500 pink (1973)

Available spawning area - 878 M<sup>2</sup>

Species Composition 100% pink.

Timing Late - September

Schooling areas Around the small island...off the tide flats.

Shellfish Potential Excellent clam habitat in estuary.

Sport Fisheries None observed or on record.

Land Use at Present None

History of Land Use None

Rehabilitation Potential No barriers, possibility of log removal helping productivity of system.

Soils Very low gradient and apparent stable conditions.

#### GAME RESOURCES

|              |   |                  |
|--------------|---|------------------|
| Bear -----   | Fish carcasses or bones (old or fresh) on banks, estimate | 50               |
|              | Number of droppings 1 250 bear at treeline                | 5                |
| Goose -----  | Number seen on tide flats                                 | 0                |
|              | Number seen up creek                                      | 0                |
|              | Number of broods seen                                     | 0                |
| Mallards --- | Number seen on tide flats                                 | 100 puddle ducks |
|              | Number seen up creek                                      | 0                |
|              | Number of broods seen                                     | 0                |
| Mergansers - | Number of broods seen                                     | 0                |
| Bald Eagles- | Number seen along creek                                   | 0                |
|              | Number of nests seen and location                         | 0                |
| Seals -----  | Number seen at mouth of stream                            | 2                |
| Tide flats - | Estimate length along beach                               | 1 mile           |
|              | Estimate depth out from beach                             | 60'              |
|              | Red grass present on what percent of flats                | 15%              |